

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF WITHDRAWAL OF PRIORITY CLAIM

(PCT Rule 90bis.3 and
Administrative Instructions, Section 415(a) and (b))

From the INTERNATIONAL BUREAU

To:

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AUSTRALIE

Date of mailing (day/month/year) 09 July 2004 (09.07.2004)	
Applicant's or agent's file reference 3252B	IMPORTANT NOTIFICATION
International application No. PCT/AU2002/001295	International filing date (day/month/year) 20 September 2002 (20.09.2002)
Applicant J BERTONY PTY LIMITED	

1. The applicant is hereby notified that the priority claim made in the international application has been withdrawn in accordance with a notice of withdrawal received from the applicant on:
23 June 2004 (23.06.2004)

The attention of the applicant is drawn to the fact that the withdrawal of the priority claim will result in the re-calculation of time limits which have not already expired. (see Rule 90bis.3(d)).

2. ☐ In the case where multiple priorities have been claimed, the above action relates to the following priority claim(s):

3. A copy of this notification has been sent to the receiving Office and to:

- ☐ the International Searching Authority (where the international search report has not yet been issued)
☒ the designated Offices (which have already been notified of the receipt of the record copy)
☐ the International Preliminary Examining Authority

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 338.87.40	Authorized officer <p style="text-align: center;">Jean-Luc MARTIN</p> Telephone No. (41-22) 338.98.87
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CLAIMS

1. A turbine for rotation about a longitudinal axis substantially perpendicular to the direction of fluid flow, said turbine comprising three longitudinally extending blades each of which increases in axial cross-sectional width along the axis, the leading surface of each said blade diverting fluid flow impinging thereon to generate a zone of reduced fluid pressure acting thereon and the trailing surface of each said blade having turbulent fluid flow impinging thereon to generate a zone of increased fluid pressure acting thereon.
2. The turbine as claimed in claim 1, wherein each blade includes an edge strip rearwardly inclined relative to the direction of rotation.
3. The turbine as claimed in claim 1, and having the three blades arranged equally at substantially 120° about said axis.
4. The turbine as claimed in claim 1, wherein the pitch of said blades is from 90° - 120°.
5. A plurality of turbines as claimed in claim 1, and mounted on said longitudinal axis.
6. The plurality of turbines as claimed in claim 5, wherein each successive turbine is radially displaced from its preceding turbine by a radial displacement relative to said longitudinal axis.
7. The plurality of turbines as claimed in claim 6, wherein said radial displacement is from 10 degrees to 60 degrees.
8. The turbine as claimed in claim 7, and mounted for rotation by wind.
9. The turbine as claimed in claim 1, and mounted for rotation by liquid.
10. The turbine as claimed in claim 1, and coupled to an electric generator.
11. A vertical axis wind turbine having three sails or blades set at substantially 120° spacing around a central vertical axis, each said sail having a leading surface and a trailing surface, said leading surface being shaped to provide forward impetus when wind flow impinges against same in a first direction, and said trailing surface being shaped to provide forward impetus when fluid flow impinges on same in a direction opposite to said first direction, wherein said three sails provide

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